Philips Medical Systems

FIELD CHANGE ORDER — Service

Issued by	:	PMS Hamburg	**Reference No.**	:	00 135 003
Released	:	G.Kramm.....	**Date**	:	March 1997
Pubilication No.	:	4512 980 54621	**Product Group**	:	742

OPTIMUS 50 / 65 / 80

APPLIES TO :

All OPTIMUS 50 / 65 / 80 generators
9890 000 02001
- 9890 000 0211x
- 9890 000 0212x
- 9890 000 0213x
- 9890 000 0214x
- 9890 000 0215x

serial numbers: 960142 - 960267
961073 - 961166

TITLE :

Upgrade of OPTIMUS generators to Release 2.2

LIST OF PAGES AND DRAWINGS :

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INTRODUCTION

Presently there are OPTIMUS generators in use with firmware level of 2.1. There have been several reported intermittent problems with "lock ups" and other error codes with difficulty in changing and managing the APR structure. The FCO will bring the installed base to the same firmware along with correcting the intermittent "lock up" problems and improved APR management.
The Upgrade will also provide a new improved version of XRG Scope.

MANPOWER / TIME TO COMPLETE

1 engineer 2.5 hours

TOOLS & TEST EQUIPMENT

Standard service toolkit
Service PC with serial cable and hardkey
Windows and mouse required for using APR Manager

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(not attached, but available on BBS)

MODIFICATION KIT / PARTS REQUIRED

For all systems mentioned in APPLIES TO, the following part can be ordered at the Service spare part centre in Hamburg:

4512 104 38801 upgrade kit OPTIMUS release 2.2

4512 114 20822 Central Unit
contains 4512 113 18026
and 4512 113 18036
4512 113 20512 Human Interface
4512 113 20205 MA-Control
2012 573 00015 2x KDPU-KO 1N/10 100
2222 682 58479 EGRU-KO 47P/2 100
2422 487 89772 PLCC extraction tool
4512 104 38531 DAMPING connector
4512 984 06121 Docu OPT.R2.1=>R2.2

Note:
The modification kit will be available Free Of Charge till the end of October 1997 at the spare part centre in Hamburg. Please refer the generator serial number when ordering the modification kit.

PROCEDURE

Detailed procedure supplied in the Modification kit.

PARTS DISPOSAL

Not applicable

DOCUMENTATION

Exchange in the book „Subsystem Manual OPTIMUS“ all parts with the documentation sections:

- Installation
- Fault Finding
- Replacement
- Programmings
- Adjustments
- Acceptance
- Parts List

Complete attached „Field Change Order Action Notification Report“ and return.

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FCO ACTION NOTIFICATION REPORT

For local SSD use only; do not return to the PMG.

TITLE: **Upgrade of OPTIMUS generators to release 2.2**	
CLASSIFICATION: **ACTION for Performance**	FCO REF NO.: **00 135 003**
APPLIES TO: **All OPTIMUS 50 / 65 / 80 generators**	

HOSPITAL / ADDRESS:

LOCATION / FW SITE NR:	OA NR / COMMERCIAL ORDERNR:

PRODUCT NUMBER: | | | | | | | | | | | | |

UNIT SERIAL NUMBER:

ACTION ON THIS UNIT WAS: (select one)

JOB NR / SERVICE INCIDENT NUMBER

☐ Completed per instructions on _____ DATE

☐ Done by the factory prior to delivery.

☐ Not completed as this unit is not affected per instructions because: (state reason)

_____

☐ Not completed because customer has unit in storage. Required parts and instructions received by customer.

CUSTOMER ACKNOWLEDGEMENT (Required for **MANDATORY ACTIONS** only).

The **REASON and PURPOSE** of this modification have been explained to me.

_____ CUSTOMER NAME (PLEASE PRINT)

_____ TITLE

_____ CUSTOMER SIGNATURE

_____ DATE

Branch
Region/
Dealer. _____

Service unit /
Service area number: _____

_____ CUSTOMER SUPPORT ENGINEER'S SIGNATURE

Date: _____

_____ CUSTOMER SUPPORT MANAGER'S SIGNATURE

MAIL TO : SSD Customer Support Manager

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